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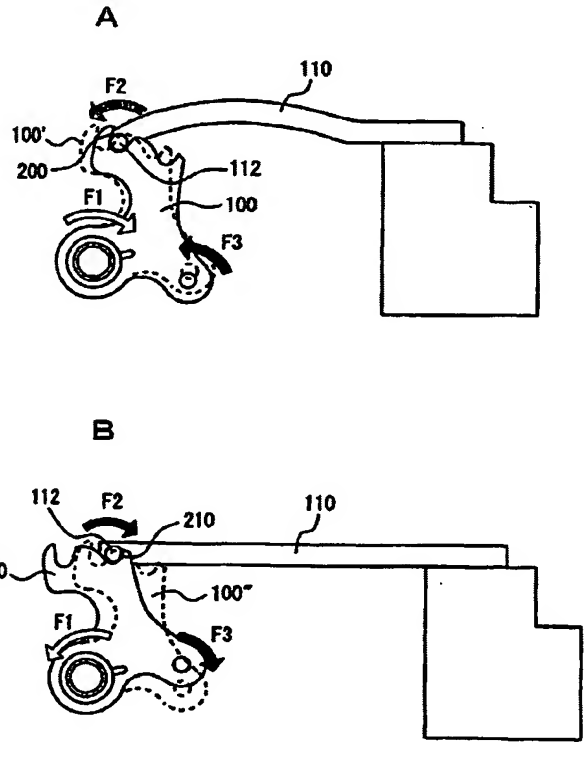
(54) Title: SHIFT CONTROL SYSTEM, SHIFT CONTROL METHOD AND SHIFT SWITCHING DEVICE



(57) Abstract: A shift control system rotates an actuator to cause a wall of a detent plate (100) to contact a roller (112) of a detent spring (110), and detects the position of contact so as to detect the position of the wall of the detent plate (100). This wall position is set as a reference position of the actuator. Accordingly, the rotation of the actuator can appropriately be controlled even if an encoder which can only detect relative positional information is employed, and thus the shift range can appropriately be switched.

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